

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|--|------------------|---------|------------------|
| L1 | 7985 | controllers near3 (charges activates powers) near3 (drive unit dis\$1) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/06 14:33 |
| L2 | 66 | 1 same balanc\$3 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/06 10:57 |
| L3 | 19 | 1 with balanc\$3 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/06 10:57 |
| L4 | 77 | controllers near3 (charges activates powers) near3 hard near3 (drive unit dis\$1) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/06 12:29 |
| L5 | 104 | plurality near3 controllers near3 (charges activates powers) near3 (drive unit dis\$1) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/06 12:29 |
| L6 | 104 | plurality near3 controllers near3 (charges activates powers) near3 (drive unit dis\$2) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/06 12:32 |
| L7 | 2 | 6 same (fault tolerance balance fail) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/06 12:30 |
| L8 | 2 | 6 same (fault tolerance balance fail\$3) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/06 12:30 |

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| L9 | 478 | controllers near3 (charges activates powers) near3 (drive unit dis\$2) with (access\$3 read\$3 writ\$3) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/06 12:33 |
| L10 | 30 | controllers adj3 (charges activates powers) adj3 (drive unit dis\$2) adj5 (access\$3 read\$3 writ\$3) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/06 12:38 |
| L11 | 30 | controller adj3 (charges activates powers) adj3 (drive unit dis\$2) adj5 (access\$3 read\$3 writ\$3) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/06 12:39 |
| L12 | 7 | controller adj3 (charges activates powers) adj3 (drive unit dis\$2) adj5 (retriev\$3) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/06 12:39 |
| L13 | 2 | ("20020199129" "20040243761").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/06 12:40 |
| L14 | 1 | ("2002/0199129").URPN. | USPAT | OR | ON | 2006/03/06 12:48 |
| L15 | 23 | controllers near3 (charges activates powers) near3 (drive unit dis\$1) with retriev\$3 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/06 14:14 |
| L16 | 592 | controllers near3 (charges activates powers) near3 respective\$2 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/06 14:50 |
| L17 | 72 | 16 with connected | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/06 14:23 |

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|-----|-------|--|--|----|----|------------------|
| L18 | 10116 | 710/5,8,10,14-17,33,36.ccls. 711/100,112-114.ccls. | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/06 14:51 |
| L19 | 155 | 1 and 18 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/06 14:24 |
| L20 | 276 | 1 same request\$3 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/06 14:24 |
| L21 | 27 | 18 and 20 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/06 14:24 |
| L22 | 279 | (request\$3 demand\$3 command\$3 instruct\$3 instruction) near3 controller near3 (charge activate power) near3 (drive unit dis\$1) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/06 14:34 |
| L23 | 18 | 18 and 22 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/06 14:34 |
| L24 | 338 | multiple near3 controllers near3 (charges activates powers) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/06 14:51 |
| L25 | 3 | 18 and 24 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/06 15:23 |

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| L26 | 0 | dual near3 controller near3 logical near2 unit | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/06 15:23 |
| L27 | 18 | multiple near3 controller near3 logical near2 unit | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/06 15:24 |
| L28 | 10 | ("3702006" "5313584" "5317731" "5440743" "5459864" "5682537" "5694571" "5764922" "5787304" "5875343").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/06 17:26 |
| L29 | 34 | respond\$3 with result with adapt\$1r | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/06 17:30 |
| L30 | 67 | (respond\$3 acknowledge) near5 (adapt\$1r controller) near5 (extend\$3 chain\$3 concatenat\$3 join\$3 daisy\$1chain\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/06 17:34 |
| L31 | 8 | 30 with logical | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/06 17:33 |
| L32 | 59 | 30 not 31 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/06 18:40 |
| L33 | 42259 | channel with (map table list) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/06 18:41 |
| L34 | 2445 | channel with (map table list) with (controller adapt\$1r) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/06 18:41 |
| L35 | 175 | 18 and 34 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/06 18:41 |
| L36 | 2 | 34 same lba | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/06 18:44 |
| L37 | 55 | lba near3 (map table list) with (controller adapt\$1r) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/06 18:47 |
| L38 | 30 | lba near3 range with (controller adapt\$1r) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/06 18:51 |

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| L39 | 3 | concatenation adj logical adj unit | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/06 18:51 |
| S1 | 2 | "20040186924".pn. | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 14:11 |
| S2 | 43 | concatenat\$3 with logical adj unit | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 15:22 |
| S3 | 738 | JBOD | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 15:17 |
| S4 | 9432235 | determin\$3 with (data information file) extend\$3 (drive unit) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 17:47 |
| S5 | 10109375 | determin\$3 with (data information file) extend\$3 (drive unit volume logical) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 15:20 |
| S6 | 719 | S3 and S5 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 15:19 |
| S7 | 692513 | determin\$3 with (data information file) extend\$3 with next near4 (drive unit volume logical) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 15:21 |

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| S8 | 710278 | determin\$3 with (data information file) extend\$3 with (next adjacent) near4 (drive unit volume logical) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 17:47 |
| S9 | 493 | S3 and S8 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 15:21 |
| S10 | 61 | S9 and concatenat\$3 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 15:22 |
| S11 | 61852 | determin\$3 with locat\$3 near5 (data information file) extend\$3 with (next adjacent) near4 (drive unit volume logical) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 16:19 |
| S12 | 27277 | (request demand instruction command) near5 (controller micro\$1controller adapt\$1r) with (access\$3 retriev\$3 read\$3) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 16:21 |
| S13 | 121 | S11 same S12 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 16:55 |
| S14 | 1667 | respective\$2 near3 (controller micro\$1controller adapt\$1r) with (access\$3 retriev\$3 read\$3) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 17:53 |
| S15 | 38 | S14 same logical | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 16:56 |

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| S16 | 7 | S11 and S15 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 17:27 |
| S17 | 2 | "5,423,046".pn. | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 16:58 |
| S18 | 12 | determin\$3 near5 contain\$3 near5 requested near5 data near2 set | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 17:34 |
| S19 | 21 | determin\$3 near5 contain\$3 near5 requested near5 set | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 17:40 |
| S20 | 9 | S19 not S18 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 17:35 |
| S21 | 2 | determin\$3 near5 (contain\$3 hold\$3) near5 (entire complete) near5 requested near5 (data file information) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 17:45 |
| S22 | 70 | determin\$3 near5 (contain\$3 hold\$3) near5 blocks near5 requested near5 (data file information) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 17:45 |
| S23 | 54 | determin\$3 with (data information file) with (extend\$3 range) with (next adjacent) near4 (drive unit volume logical) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 17:48 |

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| S24 | 0 | S22 and S23 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 17:47 |
| S25 | 6392176 | determin\$3 with (data information file) with extend\$3 (drive unit) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 17:48 |
| S26 | 660 | determin\$3 with (data information file) with extend\$3 with (drive unit) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 17:48 |
| S27 | 0 | S14 and S26 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 17:54 |
| S28 | 10 | S26 and respective\$2 near3 (controller micro\$1controller adapt\$1r) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 17:54 |
| S29 | 58 | ("5423046").URPN. | USPAT | OR | ON | 2006/03/05 14:18 |
| S30 | 72 | read\$3 near5 block near5 (expand\$3 extend\$3 range) near3 (plurality several two second) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/05 17:16 |
| S31 | 33 | S30 same (storage drive) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/05 15:25 |
| S32 | 2 | S31 same controller | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/05 15:24 |

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| S33 | 36 | S30 same (storage drive dis\$2) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/05 15:26 |
| S34 | 10 | S30 with (storage drive dis\$2) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/05 15:26 |
| S35 | 72 | read\$3 near5 (block dataset) near5 (expand\$3 extend\$3 range) near3 (plurality several two second) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/05 17:17 |
| S36 | 2 | slaughter-gregory.in. and sun\$.as. | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/05 18:18 |
| S37 | 4 | HIGHLY adj AVAILABLE adj CLUSTER adj VIRTUAL adj DISK adj SYSTEM | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/05 18:21 |
| S38 | 1 | "2002514813" | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/05 18:27 |
| S39 | 55 | SASAKI-KATSUTOSHI.in. | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/05 18:27 |
| S40 | 0 | S39 and ricoh\$.as. | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/05 18:27 |

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| S41 | 0 | S39 and multi\$1drive adj controller | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/05 18:28 |
| S42 | 3 | S39 and controller | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/05 18:30 |
| S43 | 0 | EP0709779 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/05 18:31 |
| S44 | 0 | EP adj "0709779" | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/05 18:31 |
| S45 | 6 | "0709779" | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/03/05 18:31 |